

FIG. 1

09601168-072800

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| APPROVED | C.G. FIG. | |
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| DRAFTSMAN | | |

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FIG. 2a

FIG. 2

FIG. 2a
FIG. 2b

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*****
MDPAEAVLQEKALKFMN-----**
MEGFCSLQPPT-----SSEREDCNNCEPPRKI
RRERQRMSFEDKDLDNSNSNSEMDDTAMPPKRLITGSSDOLAQSSGKXK
MSSVLMKSTVTPFLREHPSIYAPIGKPGNQETARAENPN-----
*PEKNSLRQTYNSCARLCLNQETVCLASTAMKTENCVAKTKLANGTSSMIVPKOR
LITE-----KNTLRQTKLANGTSSMIVPKOR
JTMATRSPSSPDLATNDSGTRVQPLPEYNFTKFCYRHNPDIOFSPHTACVKQDLKRTQ
-----SKYCYRHHPD-----SKCRRAADKAKMV
-----*
-----KLSASYEREKEKCVKYEFEQWSESDQVEFEVEHLSIQMCH
-----KLSANYEREKEKCVKYEFEQWSECDQVEFEVEHLSIRMCH
EINANIAKLPLQEQSDIHHIISKYNSNDKIRKILDLGILSTSCFPOLSYISSLVTHM
MIQSELDKLTADQQAQVTHVWSLFSAPARHRDLMLQILGILSQLCFPOLSEVSREVNEA
-----*
YQGHINSYLPKPMQORDETTALPARGLDHIAENHISYLDPAKSLCAELVCKEMYRVTSDG
YQGHINTYLPKPMQORDETTALPARGLDHIAENHISYLDPAKSLCAELVCKEMYRVTSDG
-----IKIDFISILPQE-----LSLKILSYHDDCQSLCNATRVGRKWKIADDD
-----EKIDFISIALPVE-----LAQKVLGYLDVSLTKAAQVSQRMRTIADSD
-----*
MLWKLLIERMVRTDSLWRGLAERRGCGOYLFKNRPPDGNAPPNSFYRALYPKIIQDIET-
MLWKLLIERMVRTDSLWRGLAERRGCGOYLFKNRPPDGNAPPNSFYRALYPKIIQDIET-
RVWYHMCQHI-----DRKCPNCGWGLPLLMK-----RARIQONSTGSSSNADIQTQT
AVWVRMCQHV-----NRKCTKCGWGLPLLERKLRNYTRQRLAKGGPQGRVTELADS
-----
-----IES-----
-----IES-----
-----TRPWKVIYRERFKVES
HDSQDRSVNQHGKRPAAEAEEEDPIKKRQCMAAAASKAVTQPKTRSWKAVYRDRWQVSY
-----

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FIG. 2b

WD-1
NWRGGRHSLORIHCRSETSKGVYCLQYDDQKIVSGLRDNTIKIWDKNTLECKRILIGHTG
NWRGGRHSLORIHCRSETSKGVYCLQYDDQKIVSGLRDNTIKIWDKNTLECKRILIGHTG
NWRKCHCRIOEFKCHMD--GVLTQCFNYRLFTGSDYSTIGIWDLFTGKLIIRLSGHSD
NWKNSRYKLSVLKCHEN--GVTCLOLDDNI LATGSYDTTIKINNIETECIRILVGHIA
WD-2
SVLQLOYDERVITIGSSDSTVRVMDVNTGEMNTLIIHCEAVLHLRENNNGMVTCSKDRS
SVLQLOYDERVITIGSSDSTVRVMDVNTGEMNTLIIHCEAVLHLRENNNGMVTCSKDRS
GVKTYLFDDEKILITIGSILDKTIRVWNYITGECISTYRGHSDSVLSVDSYQKVIVSGSADKT
GIRALQFDDSKLISGSLDHTIKVWNVHTGECSTFAAHTDSVLSVHEDGHLASGSSDKT
WD-3
IAVWDMASPTDIINARVVLVGHRAAVNVVDFDDKYIVSASGDRITIKVMTSTCEFVRTLN-
IAVWDMASPTDIINARVVLVGHRAAVNVVDFDDKYIVSASGDRITIKVMTSTCEFVRTLN-
VKWNEVESRTICYTHRGHTEWVNCVK--LHPKSFSCFSCSDDTIRMDIRTNNSCLKVFRG
VKIIPFNSKETICYLKGHSDWVNSTH--VDIKSRTVFSASDDTITIRLWDLTROVIRTYEG
WD-4
HVGQVQKIIPITIKOVE--
HVGHVQVQLILPPEYEPDEEVNLNGASQDNQDAMSVSSGGSGSPMSHAQIERAGSPGSHS
WD-5
GHKRGIAQVDRDLVSVSSSNTIRIWDIECGACLRV
GHKRGIAQVDRDLVSVSSSNTIRIWDIECGACLRV
SSPQDDPTMTDGADESPTPSNEQETVLDENITPPTH-LISCGLDNTIWDVKTICKCLRT
SSHLLPSSLLPSGDEEDVRHLYGSAFVADESRLPPRYFTWIGLDSIRLWD SATGRCLRT
WD-6
FECHBELVRCIRFDNKRIVSGAYDCKIKVWDHVAALDPRAPAGTLCIRTLVHSGRVFRL
FECHBELVRCIRFDNKRIVSGAYDCKIKVWDHVAALDPRAPAGTLCIRTLVHSGRVFRL
QFCHVEGVWDIAADNFRITISGSHDGLKVDLQSGKCMHTFNGRRLQRETQHTQIQSLGD
FEGHLEGVWSLAGTIRVISGANDGMVKTWEPRSGKCDATYTGCHG
WD-7
QFDEFQIVSSSHDDTILIWDELNDAQAEPSPSRITYISR
QFDEFQIVSSSHDDTILIWDELNDAQAEPSPSRITYISR
KVAPIAQVICIGDSECFSGDESGCVKMYKFDLND
---PVTQVGLSDSLMASGSEDTIRLHSHFKPCRQ

h-βTrCP
x-βTrCP1
MET30
SCON2

569
518
640
650

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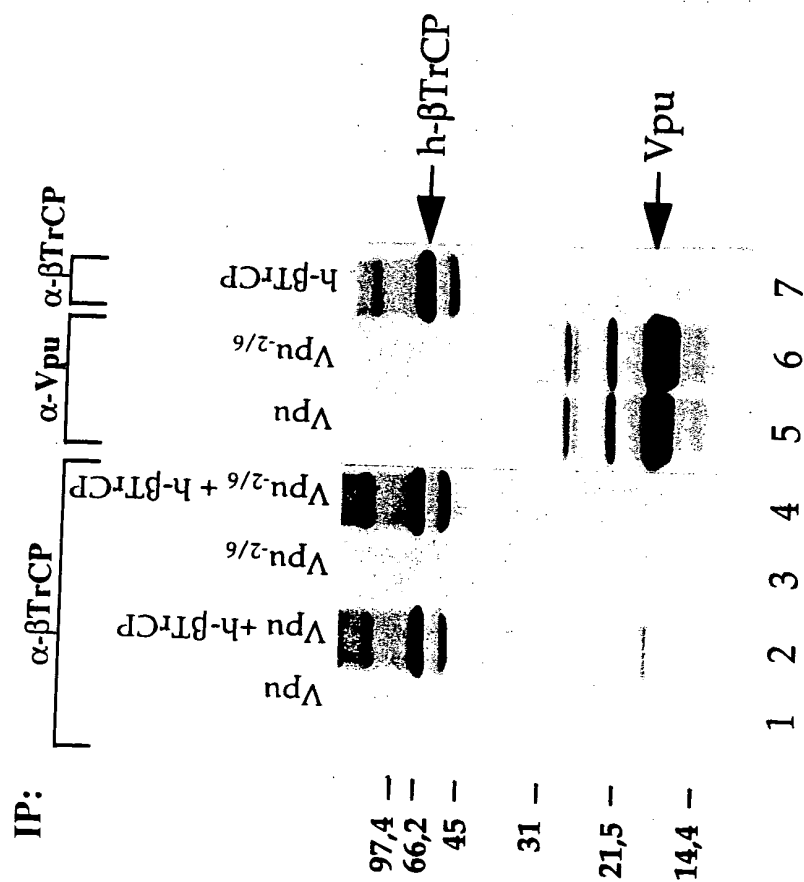


FIG. 3

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FIG. 4

Luminal compartment

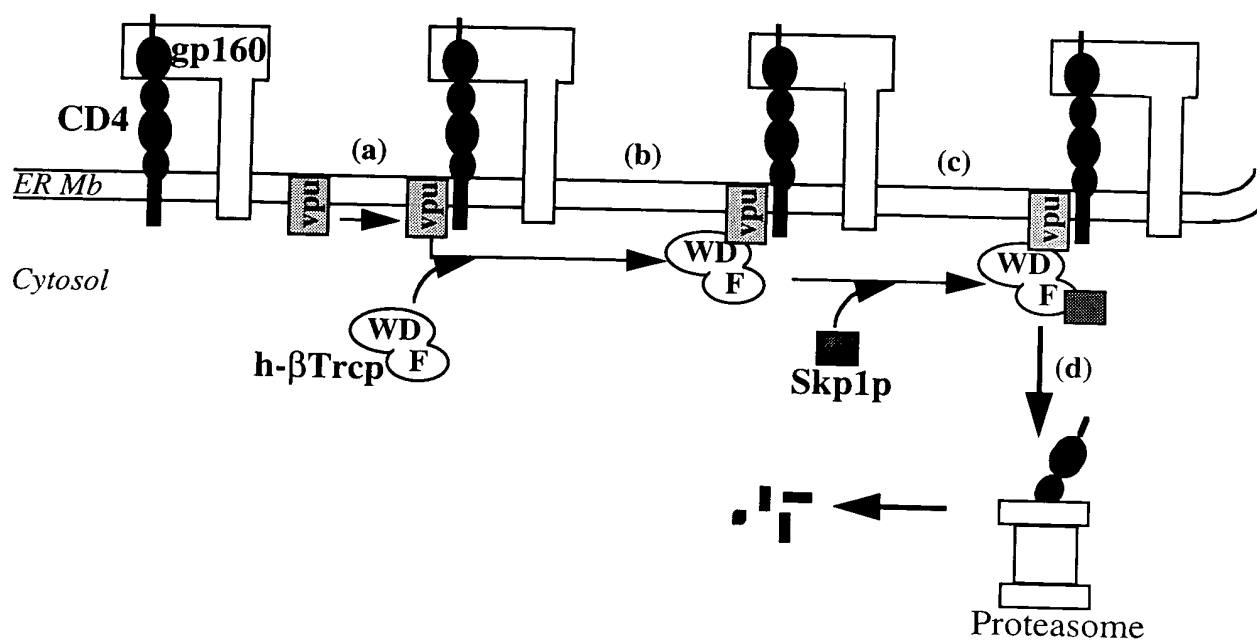


FIG. 5

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| APPROVED | D.C. FIG. | |
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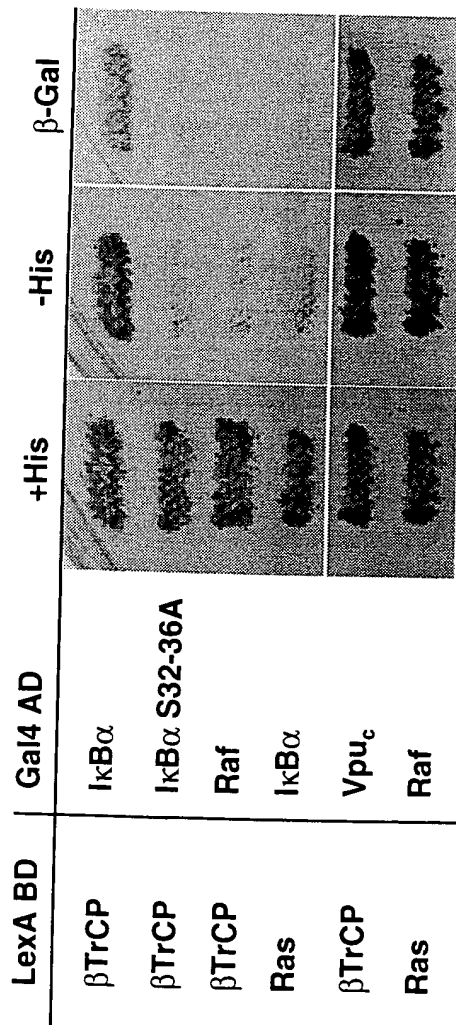


FIG.6

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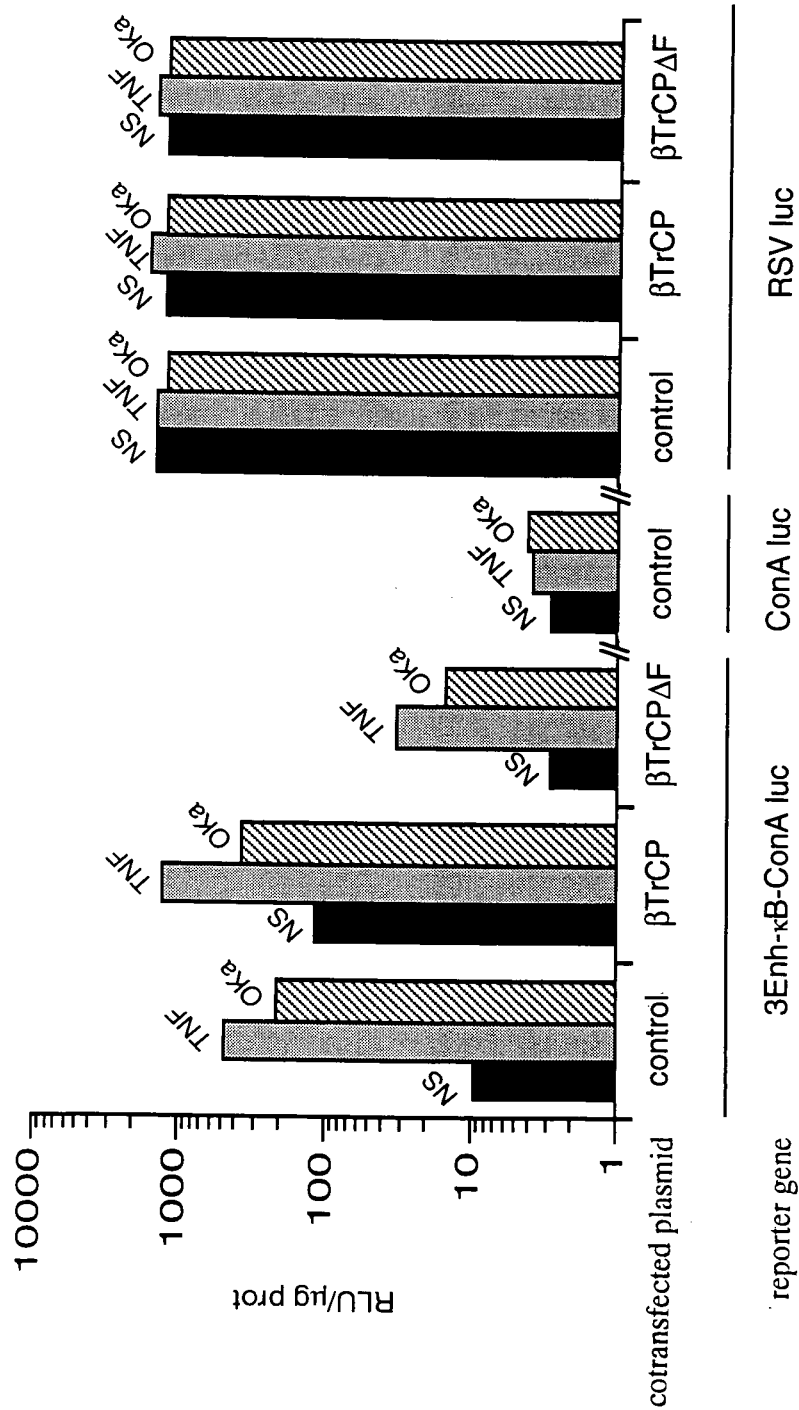


FIG.7

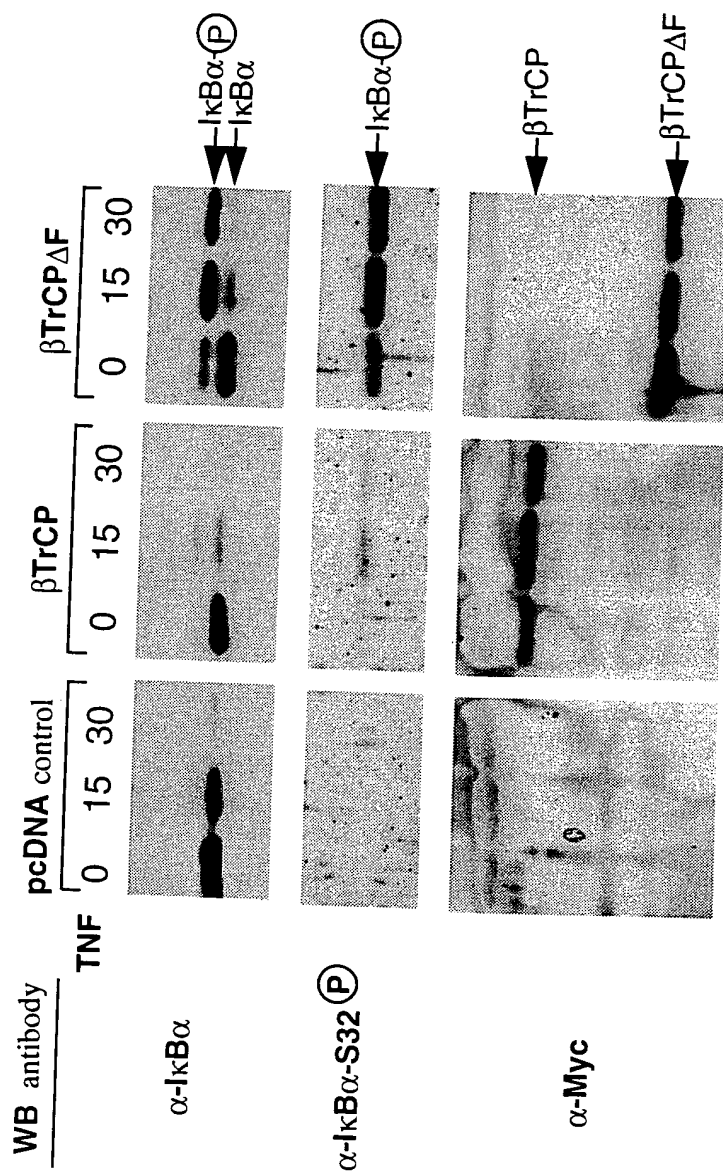


FIG. 8

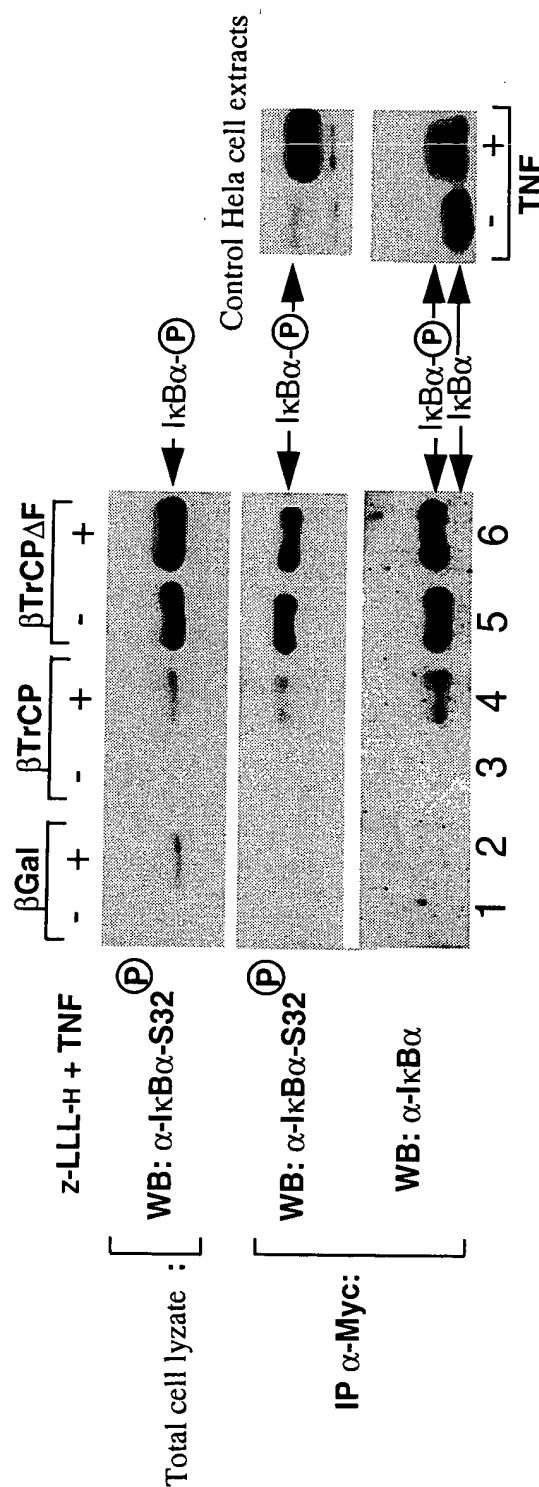


FIG.9

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| APPROVED | O.G. FIG. | |
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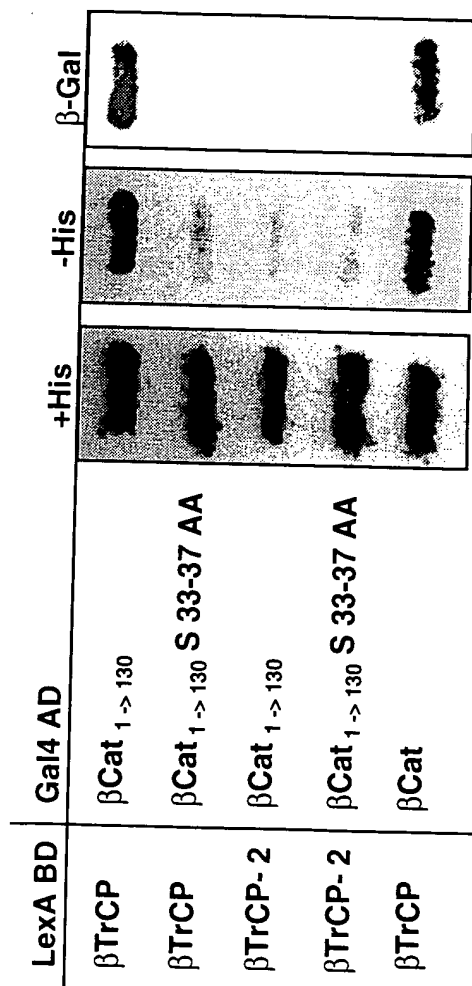
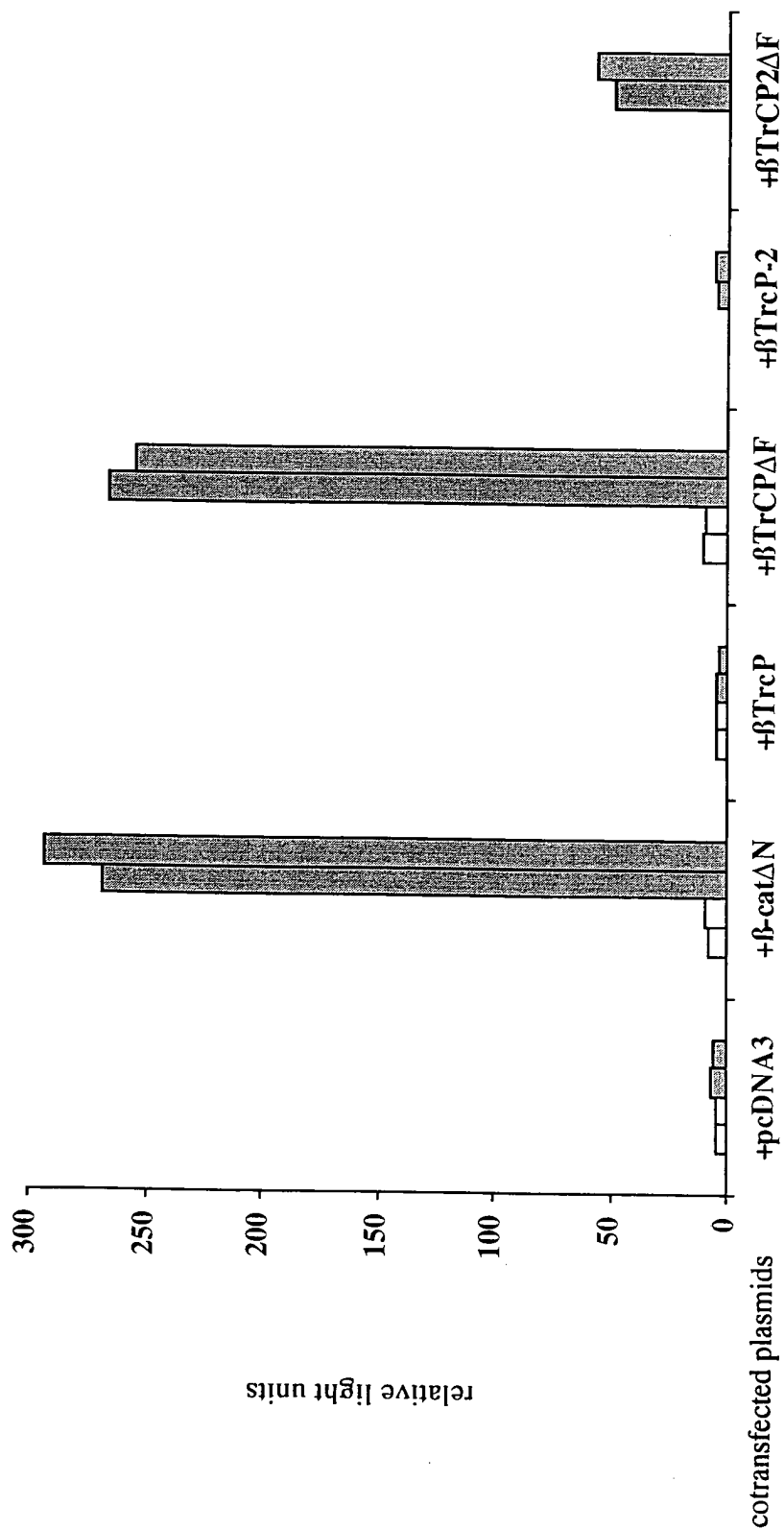


FIG.10

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reporter plasmids : gray , TOP-tk-Luci ; white , FOP-tk-Luci

FIG.11

| | | |
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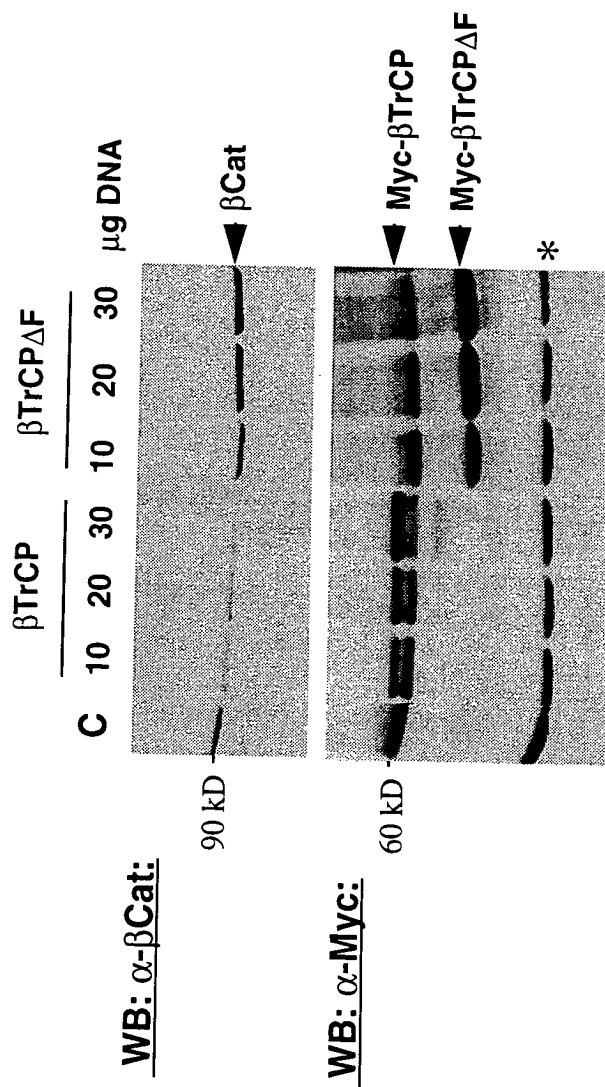


FIG.12

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